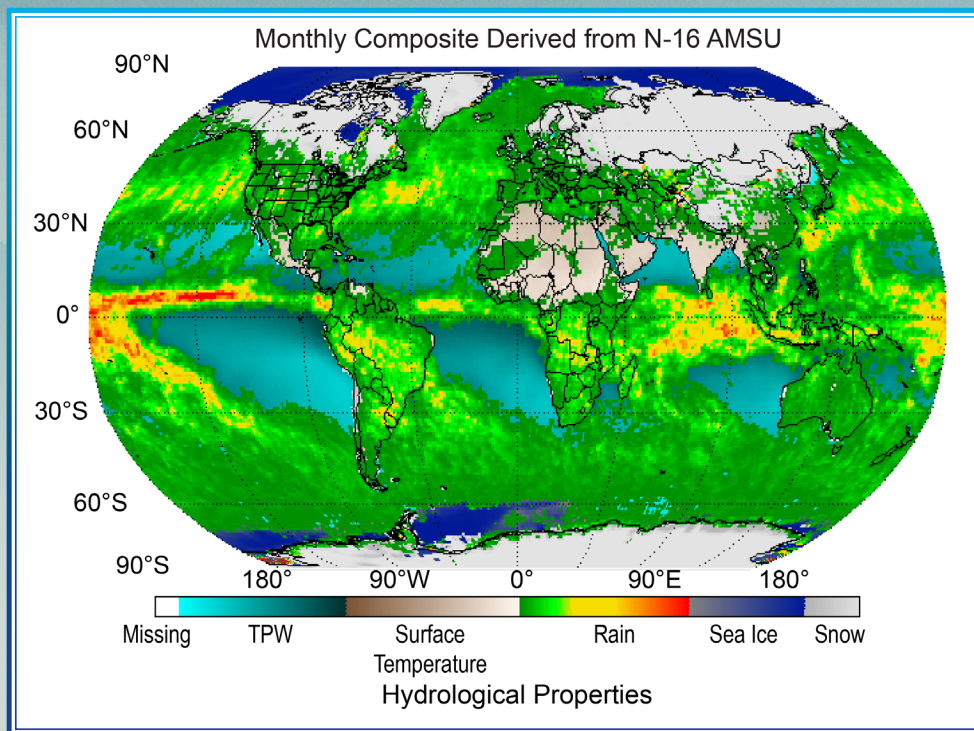


# HYDROLOGICAL PROPERTIES



## CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- 16 and 48 km product resolution at nadir
- 102 minutes per orbit
- 2000–present
- Updated monthly

## VARIABLES TO THIS CLIMATE DATA RECORD

- Cloud Liquid Water
- Total Precipitable Water
- Sea Ice Concentration
- Emissivity
- Surface Temperature
- Ice Water Path
- Rain Rate
- Snow Cover
- Snow Water Equivalent

## SOME USES OF THIS CLIMATE DATA RECORD

- Combined with similar hydrological product suites, provides a more complete and accurate data set
- Validating climate model simulations
- Identifying climate extremes
- Validating other observations

## HYDROLOGICAL PROPERTIES:

<https://www.ncdc.noaa.gov/cdr/atmospheric/hydrological-properties>

## CLIMATE DATA RECORD INFORMATION:

<http://www.ncdc.noaa.gov/cdr>

# NOAA's Climate Data Record (CDR)



[www.climate.gov](http://www.climate.gov)  
[www.ncei.noaa.gov](http://www.ncei.noaa.gov)